



Energize Nepal Project

- Tender finalization and **contract awarded** to Chainlink International for the high and low pressure tanks to be installed at lab floor.
- Half yearly progress report revised and re- submitted to **Energize Nepal Program Office**.
- Technical details for **VFD** and **VFM** finalized and tender process for the same on progress.
- Project implementation plan and procurement documents discussed, edited and finalized as per series of internal meetings and skype meetings with NTNU officials.

CRHT-VII Symposium

- 7th International Symposium on Current Research in Hydraulic Turbines (**CRHT-VII**) held on 4th April, 2017.
- 17 papers/presentations representing KU, NTNU (Norway) and IIT, Roorkee (India) conducted in parallel session as per respective thematic areas.
- Keynotes & featured presentation from ICH- Norway; Nepal Electricity Authority, Institute of Engineering, Himal Power Limited- Nepal and Tsinghua University- China
- For more detail please click [here](#)

Lab Activities

- Lab **budget finalization** for the running fiscal year.
- **Dewatering** of the lower reservoir and cleaning process in progress.
- Quotation for reservoir internal coating.

Lab Participation

- Stall kept in **KU Silver Jubilee closing ceremony** in 12th April at KU premises.
- Participation on 13th International Industrial Fair and New Technology Exhibition- 2074 from 20-24 April at Bhrikutimandap, Kathmandu jointly organized by Department of Cottage & Small Industries, Ministry of Industry & Ministry of Science, Technology and Environment, Nepal government.
- **92 kW Francis turbine** and **RPT** designed by TTL and fabricated by Nepalese manufacturers put into exhibition and knowledge dissemination in the fair.



Academic Activities of PhD Candidate

- Delivery of **Plexi glass** from NTNU to the lab.
- Simulation of GV and runner at 11 opening angles conditions in progress.

Academic Activities of ENEP Students

- **Proposal defense** of 1 PhD candidate and 1 MS by Research candidate to Research Committee, KU conducted on 11th April which is under the review process.

Lab Visits

- Visit by Mr. Tom Solberg, Managing Director, **International Centre for Hydropower** on 4th April.
- Visit by Prof. Bhupendra K. Gandhi from IIT, Roorkee, India and Assoc. Prof. Baoshan Zhu from Tsinghua University, Beijing, China on 4th April. It was followed with the group visit of **CRHT-VII'17 symposium presenters and participants** from NTNU- Norway, KU- Dhulikhel and other organizations.
- Visit by the Norwegian delegates as a part of RECIPE project on 6th April.
- Visit by delegates of KOICA as a part of **KU-IRDP** program on 9th April which was mainly focused on Turbine Design Service (TDS) at TTL.

Student Exchange from NTNU

- 2 masters students Andreas Kjerschow & Morten Grefstad from NTNU who are conducting their thesis on "**Development of a Francis turbine test rig at Kathmandu University**" at NTNU joined the lab from 24th April.
- Research work is focused on the design of complete system for the **efficiency measurement** of Francis turbine, producing a full scale data logging unit and calibration techniques.